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chapter, table 2 lists the major infectious agents in AIDS patients. Salmonella, shigella and campylobacter are singled out as having altered pathogenicity despite this being almost certainly true of many of the other organisms listed in the table—for example *Treponema pallidum*. In chapter 4, describing oral complications, no mention is made of thalidomide in treating refractory aphthous ulceration. Although the latter drug is not available for this indication in the United States, this is an example of authors on the other side of the Atlantic yet again omitting to cite UK or European experience. Finally, as always, books on HIV infection and AIDS begin to date quickly. For example there is now a reliable method of detecting microsporidia in the stool and not just via duodenal biopsies. However, this can hardly be said to be a valid criticism as references are extensive and up to the date of publication.

Overall, this is a well produced book with numerous and excellent black and white illustrations and photomicrographs. It should be accessible to all who look after patients with HIV disease.

D A HAWKINS

Immunology of HIV infection. Edited by A G Bird. *Immunology and medicine series vol. 17.* Dordrecht, Kluwer Academic Publishers 1992. (pp 180. £40). ISBN 0-7923-8962-X.

This volume is the seventeenth in the

Immunology and Medicine series, designed to present individual topics in immunology to clinicians and pathologists in a condensed package of readily assimilable information. The chapter authors are drawn from the UK and the Netherlands and are recognised experts in HIV research. The chapters review the natural history of HIV infection, lymphocyte functional defects, antigen presentation, cytotoxic T cell responses and monitoring disease progression. Almost all of the information relates to the epidemic strain HIV-1; discussion of HIV-2 which is endemic to equatorial West Africa, and the genetically related Simian Immunodeficiency Virus (SIV) family is principally in relation to vaccine development in the SIV-infected macaque as an animal model of AIDS. A review of the viral life cycle is included in discussion of HIV variability in the pathogenesis of AIDS, which indicates the enormous genomic diversity and biological heterogeneity within populations of virus. This is accompanied by a relatively short review of the B lymphocyte response to HIV infection. Since current candidate vaccines based on purified viral envelope proteins are intended to elicit antibodies against HIV, the capacity of antibodies to neutralise diverse HIV isolates is a crucial question. There is a detailed critique of the use and limitations of CD4 + lymphocyte counts to assess progression of HIV infection, which is particularly welcome in the light of recent clinical antiviral trials which have cast doubt on the validity of CD4 + counts as surrogate end-points compared

with clinical end-points. The text maintains a firm clinical emphasis with a high standard of clarity and brevity throughout, with clear illustrations and excellent references at the end of each chapter. As a concise authoritative review, this volume admirably fulfills the aims of the series.

AJ CARMICHAEL

NOTICE

Medical Screening: The Way Forward

Medical Screening provides many opportunities for the prevention of disease and handicap. What can it offer and what are its limitations? Based on several case studies, *Medical Screening: The Way Forward*, organised jointly by *BMJ* and *Journal of Medical Screening* is a one day conference to be held on 26 January 1994 at the QE2 Conference Centre, London; to examine the medical, scientific, ethical, social, psychological and economic aspects of screening.

For more information please contact: Pru Walters, BMA Conference Unit, BMA House, Tavistock Square, London WC1H 9JR. Telephone 071 383 6605. Fax 071 383 6400.

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CURRENT PUBLICATIONS

Selected titles from recent reports published worldwide are arranged in the following sections:

Gonorrhoea
Chlamydia
Pelvic inflammatory disease
Non-specific genital infection
Candidiasis
Bacterial vaginosis
Trichomoniasis
Syphilis and other treponematoses
Herpes
Human papillomavirus infection
Cervical cytology and colposcopy
Other sexually transmitted diseases
Dermatology
Miscellaneous

Gonorrhoea

Comparison of ciprofloxacin and ceftriaxone as single-dose therapy for uncomplicated gonorrhoea in women.

EW HOOK, RB JONES, DH MARTIN, *et al.* *Antimicrob Agents Chemother* 1993;37:1670.

Ceftizoxime interpretive criteria for in vitro susceptibility tests with *Neisseria gonorrhoeae*.

MS BARRETT, RN JONES, ME ERWIN. *J Clin Microbiol* 1993;31:2531.

Ofloxacin susceptibilities of 5,667 *Neisseria gonorrhoeae* strains isolated in Hong Kong.

KM KAM, KK LO, CF LAI, YS LEE, CB CHAN. *Antimicrob Agents Chemother* 1993;37:2007.

Chlamydia

Tampon-collected genital cells in the detection of *Chlamydia trachomatis* by polymerase chain reaction.

S TABRIZI, SJ CHEN, C FAIRLEY, A BORG, G MIGLIORINI, M LEES, S GARLAND. *J Infect Dis* 1993;168:796.

Selective screening for *Chlamydia trachomatis* infection in a primary care population of women.

A STERGACHIS, D SCHOLES, FE HEIDRICH, DM SHERER, KK HOLMES, WE STAMM. *Am J Epidemiol* 1993;138:143.

Strategy for screening pregnant women for chlamydial infection in a low-prevalence area.

M ALARY, JR JOLY, JM MOUTQUIN, M LABRECQUE. *Obstet Gynecol* 1993;82:399.

Routine testing for *Chlamydia trachomatis* on Curacao, Netherlands Antilles.

JD ASIN, RR NAHORST, CT THUIS, WJ ASSENDELFT, BR HOOI. *Am J Obstet Gynecol* 1993;169:375.

In vitro activity of azithromycin against *Chlamydia trachomatis* and *Chlamydia pneumoniae*.

A AGACFIDAN, J MONCADA, J SCHACHTER. *Antimicrob Agents Chemother* 1993;37:1746.

Pelvic inflammatory disease

Atypical pelvic inflammatory disease—can we identify clinical predictors?

W CATES, MR JOESOEF, MB GOLDMAN. *Am J Obstet Gynecol* 1993;169:341.

Non-specific genital infection

Association of *Mycoplasma genitalium* with acute non-gonococcal urethritis.

PJ HORNER, CB GILROY, BJ THOMAS, ROM NAIDOO, D TAYLOR ROBINSON. *Lancet* 1993;342:582.

Candidiasis

Fluconazole resistance in *Candida glabrata*.

CA HITCHCOCK, GW PYE, PF TROKE, EM JOHNSON, DW WARNOCK. *Antimicrob Agents Chemother* 1993;37:1962.

Bacterial vaginosis

Efficacy of clindamycin vaginal cream versus oral metronidazole in the treatment of bacterial vaginosis.

F FISCHBACH, EE PETERSEN, ER WEISSENBACHER, J MARTIUS, J HOSMANN, H MAYER. *Obstet Gynecol* 1993;82:405.

Trichomoniasis

Accuracy of the Papanicolaou smear in the diagnosis of asymptomatic infection with *Trichomonas vaginalis*.

MW WEINBERGER, JH HARGER. *Obstet Gynecol* 1993;82:425.

Syphilis and other treponematoses

High prevalence of syphilis detected through a jail screening program—a potential public health measure to address the syphilis epidemic.

TS HEIMBERGER, GHG CHANG, GS BIRKHEAD, GD DIFERDINANDO, AJ GREENBERG, R GUNN, DL MORSE. *Arch Int Med* 1993;153:1799.

Gastric syphilis—primary diagnosis by gastric biopsy—report of four cases.

B FYFE, RJ POPPITI, J LUBIN, MJ ROBINSON. *Arch Pathol Lab Med* 1993;117:820.

Polypeptides of *Treponema pallidum*—progress toward understanding their structural, functional and immunologic roles.

SJ NORRIS. *Microbiol Rev* 1993;57:750.

Herpes

The reliability of serological tests for the diagnosis of genital herpes—a critique.

PR FIELD, DWT HO, WL IRVING, D ISSACS, AL CUNNINGHAM. *Pathology* 1993;25:175.

Mucosal immunity and protection after intranasal immunisation with recombinant adenovirus expressing herpes simplex virus glycoprotein-B.

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The inhibitory effect of spermicidal agents on replication of HSV-2 and HSV-1 in vitro.

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In vitro activity of a *Combretum micranthum* extract against herpes simplex virus type-1 and type-2.

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G BAUNACH, B MAURER, H HAHN, M KRANZ, A RETHWILM. *J Virol* 1993;67:5419.

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HP HUEMER, Y WANG, P GARRED, V KOISTINEN, S OPPERMAN. *Immunology* 1993;79:639.

Human papillomavirus infection

Role of male behaviour in cervical carcinogenesis among women with one lifetime sexual partner.

SS ARGARWAL, A SEHGAL, S SARDANA, A KUMAR, UK LUTHRA. *Cancer* 1993;72:1666.

Recurrent condylomata accuminata treated with recombinant interferon alpha-2A—a multicentre double-blind placebo-controlled clinical trial.

J CHRISTOPHERSEN, E FROM, F KRISTIANSEN, *et al.* *Acta Dermato-Venerol* 1993;73:223.

Relation between the presence of human papillomavirus type-16 deoxyribonucleic acid in cervicovaginal cells and general health condition.

J CZEGLÉDY, E RYLANDER, M EVANDER, G WADELL. *Am J Obstet Gynecol* 1993;169:386.

Identification and typing of human papillomavirus in cervical cancers in Taiwan.

SL CHEN, CP HAN, YP TSAO, JW LEE, CS YIN. *Cancer* 1993;72:1939.

Human papillomavirus type-16 variants isolated from vulvar Bowenoid papulosis.

BS FANG, AC GUEDES, LC MUNOZ, LL VILLA. *J Med Virol* 1993;41:49.

Human papillomavirus DNA in glandular lesions of the uterine cervix.

H SAMARATUNGA, N COX, B WOODEND. *J Clin Pathol* 1993;46:718.

Development of human papillomavirus associated Buschke-Lowenstein penile carcinoma during cyclosporine therapy for generalized pustular psoriasis.

M PIEPKORN, B KUMASAKA, JM KRIEGER, GC BURMER. *J Am Acad Dermatol* 1993;29:321.

Detection of human papillomavirus L1 protein in condylomata acuminata from adults with defects in cell-mediated immunity.

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The E2 region of HPV-16 in relation to different types of cervical lesions.

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Absence of human papillomavirus type-16 E6 transcripts in HPV 16-infected, cytologically normal cervical scrapings.

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Using the polymerase chain reaction to genotype human papillomavirus DNAs in samples containing multiple HPVs may produce inaccurate results.

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Simple microwave and thermal cycler boiling methods for preparation of cervicovaginal lavage cell samples prior to PCR for human papillomavirus detection.

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FX LONG, GW DEMERS, NB KIVIAT, J KUYPERS, AM BECKMANN, DA GALLOWAY. *J Infect Dis* 1993;168:610.

Expression of p53 protein related to the presence of human papillomavirus DNA in genital carcinomas and precancer lesions.

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NK-cell activity in patients with HPV16-associated anogenital tumors—defective recognition of HPV16-harboring keratinocytes and restricted unresponsiveness to immunostimulatory cytokines.

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Multiple human papillomavirus type-16 glucocorticoid response elements functional for transformation, transient expression and DNA-protein interactions.

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Glucocorticoid requirement for growth of human papillomavirus 16-transformed primary rat kidney epithelial cells—correlation of development of hormone resistance with viral RNA expression and processing.

A PATER, NS BELAGULI, MM PATER. *Cancer Res* 1993;53:4432.

Cervical cytology and colposcopy

Negative cytology preceding cervical cancer—causes and prevention.

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Smear misclassification in a cervical cancer screening programme.

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Cervical cancers in Greenlandic women diagnosed after negative results on cervical cytology—perspectives in a high-risk population.

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The mode ages of women with cervical dysplasia.

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Proton MR and human cervical neoplasia—ex vivo spectroscopy allows distinction of invasive carcinoma of the cervix from carcinoma in-situ and other preinvasive lesions.

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Other sexually transmitted diseases

Comparison of the in vitro activities of various parenteral and oral antimicrobial agents against endemic *Haemophilus ducreyi*.

KE ALDRIDGE, C CAMMARATA, DH MARTIN. *Antimicrob Agents Chemother* 1993;37:1986.

Dermatology

Lesson of the week—lesions of schistosomiasis mimicking warts on the vulva.

PC GOLDSMITH, TA LESLIE, V SAMS, ADB BRYCESON, E ALLASON JONES, PM DOWD. *BMJ* 1993;307:556.

Carbon dioxide laser treatment of lichen sclerosis et atrophicus.

T WINDAHL, S HELLSTEN. *J Urol* 1993;150:868.

Penile squamous cell carcinoma arising from balanitis xerotica obliterans.

HB PRIDE, OF MILLER, WB TYLER. *J Am Acad Dermatol* 1993;29:469.

Miscellaneous

Prevalence of self-medication with antibiotics among patients attending a clinic for treatment of sexually transmitted diseases.

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Prenatal use of metronidazole and birth defects—no association.

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Prostatitis—an increasing clinical problem for diagnosis and management.

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Occurrence of *Mycoplasma genitalium* in different populations and its clinical significance.

D TAYLOR ROBINSON, CB GILROY, PE HAY. *Clin Infect Dis* 1993;17:S66.

***Ureaplasma urealyticum* and premature birth.**

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Current perspectives in reactive arthritis.

G KINGSLEY, J SIEPER. *Immunol Today* 1993;14:387.

Host risk factors for the development of reactive arthritis—a family study.

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Hepatitis B vaccination—protection for how long and against what?

AJ HALL. *BMJ* 1993;307:276.

Immunobiology and pathogenesis of hepatitis C virus infection.

MU MONDELLI, A CERINO, V BELLOTI, A DEKONING. *Res Virol* 1993;144:269.

Female genital mutilation.

M LADJALI, TW RATTRAY, RJW WALDER. *BMJ* 1993;307:460.

Two cases of vulvodynia with unusual causes.

C PERNICIARO, AS BUSTAMANTE, MM GUTIERREZ. *Acta Dermato-Venereol* 1993;73:227.

Carcinoma of the rete testis—case report and review of the literature.

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Effect of alkalisation and increased fluid intake on bacterial phagocytosis and killing in urine.

RA GARGAN, JMT HAMILTON MILLER, W BRUMFITT. *Eur J Clin Microbiol Infect Dis* 1993;12:534.

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